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## ABSTRACT OF THE DISCLOSURE

A data storing apparatus for inputting and outputting a plurality of types of data in parallel and storing data with a disc shaped record medium that is randomly accessible is disclosed, that comprises an inputting means for inputting a plurality of types of data in parallel and categorizing the plurality of types of data for each type, a recording means composed of at least one disc shaped record medium that is randomly accessible, and a record controlling means for distributively recording at least one channel of and the plurality of types of data that is input by said inputting means to radially divided areas of the disc shaped record medium, the radially divided areas corresponding to the types of data.